

VITAL STATISTICS SUMMARY

GRANDVIEW HEIGHTS

May 2005

(Prepared by the Franklin County Board of Health)

I. BIRTH DATA FOR THE PERIOD 1990 TO 2002

The following tables describe recent data for birth for the City of Grandview Heights and Franklin County. The birth statistics are given by total number of births, low birth weight newborns (≤ 2500 grams), and very low birth weight newborns (≤ 1500 grams – very low birth weight serves as an indicator of at-risk births). Rates are set at per 1,000 for live births, and per 100 for low and very low birth weights.**

1990 to 2002 GRANDVIEW HEIGHTS BIRTHS (†)						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births ≤ 2500 Grams	LBW Rate per 100 Live Births	Sum of Births ≤ 1500 grams	VLBW Rate per 100 Live Births
1990	92	13.12	4	4.35	0	0.00
1991	88	12.55	4	4.55	0	0.00
1992	82	11.70	1	1.22	0	0.00
1993	99	14.12	3	3.03	0	0.00
1994	82	11.70	3	3.66	1	1.22
1995	81	11.82	6	7.41	1	1.23
1996	72	10.51	5	6.94	2	2.78
1997	82	11.97	5	6.10	4	4.88
1998	59	8.61	2	3.39	0	0.00
1999	41	5.98	2	4.88	1	2.44
2000	47	7.02	1	2.13	0	0.00
2001	44	6.57	4	9.09	2	4.55
2002	66	9.86	2	3.03	0	0.00
Total	935		42		11	

1990 to 2002 FRANKLIN COUNTY BIRTHS (FCBH ZONES)						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births ≤ 2500 Grams	LBW Rate per 100 Live Births	Sum of Births ≤ 1500 grams	VLBW Rate per 100 Live Births
1990	16,752	17.36	1,468	8.76	246	1.47
1991	16,622	17.02	1,518	9.13	221	1.33
1992	16,889	16.92	1,519	8.99	233	1.38
1993	16,710	16.66	1,572	9.41	272	1.63
1994	16,635	16.51	1,526	9.17	241	1.45
1995	16,204	16.08	1,542	9.52	247	1.52
1996	16,027	15.83	1,581	9.86	265	1.65
1997	16,242	15.96	1,515	9.33	215	1.32
1998	16,626	16.28	1,563	9.40	249	1.50
1999	16,727	16.11	1,612	9.64	262	1.57
2000	17,761	16.61	1,786	10.06	291	1.64
2001	17,252	16.10	1,420	8.23	281	1.63
2002	17,013	15.59	1,530	8.99	323	1.90
Total	217,460		20,152		3,346	

** Note that the setting of new births for year 2001 used geographical information system (GIS) technology for residential assignment. Accordingly, the rate comparison is slightly different from prior estimates of population (estimated at 0.56% change from self-reported residential assignment).

(†) Note that rates are effected by the MORPC/US Census estimates for population in Grandview Heights which have declined from 7,010 in the year 1990 to 6,695 in the year 2002.

II. 5 LEADING CAUSES OF DEATH FOR THE PERIOD 1997 TO 2000

The mortality statistics are given by the 5 leading causes of death per year for Franklin County. Causes of death are comparatively tracked to enable Health Department researchers to understand the fluctuation in the leading mortality factors between individual jurisdictions and the whole of Franklin County. Rates are set at per 100,000 population and are calculated as simple rates due to the small sample sizes (≤ 10) per cell for some of the causes.* Age-adjusted mortality statistics for the whole of Franklin County are available from the Health Department upon request.

MORTALITY STATISTICS FOR THE PERIOD 1997 TO 2002, GRANDVIEW HEIGHTS & FRANKLIN COUNTY 5 LEADING CAUSES AND TOTAL BY CRUDE RATES (Crude Rates Used for Comparisons for Grandview Heights due to Small Sample Sizes for Some Causes)				
	Grandview Heights City		Franklin County	
Year & Cause	Sum	Rate	Sum	Rate
<u>1997</u>				
Heart Disease	10	145.9	2,244	233.4
Malignant Neoplasm	9	131.3	1,874	194.9
Cerebrovascular Diseases	1	14.6	602	62.6
Chronic Obstructionary Pulmonary Disease (COPD)	1	14.6	389	40.5
Diabetes Mellitus	0	0.0	331	34.4
Total Deaths	38	554.5	7,769	808.1
<u>1998</u>				
Heart Disease	8	116.7	2,261	235.2
Malignant Neoplasm	15	218.9	1,948	202.6
Cerebrovascular Diseases	4	58.4	575	59.8
Chronic Obstructionary Pulmonary Disease (COPD)	1	14.6	448	46.6
Flu and Pneumonia	1	14.6	278	28.9
Total Deaths	43	627.5	7,972	829.2
<u>1999</u>				
Heart Disease	8	116.7	2,406	234.1
Malignant Neoplasm	2	29.2	1,896	184.5
Cerebrovascular Disease	1	14.6	579	56.3
Chronic Lower Respiratory Disease	2	29.2	437	42.5
Diabetes Mellitus	1	14.6	280	27.2
Total Deaths	22	321.0	8,233	801.0
<u>2000</u>				
Disease of the Heart	13	194.2	2,113	197.7
Malignant Neoplasm	10	149.4	1,905	178.2
Cerebrovascular Disease	2	29.9	580	54.3
Chronic Lower Respiratory Disease	5	74.7	470	44.0
Diabetes Mellitus	0	0.0	273	25.5
Total Deaths	46	687.1	8,097	757.5
<u>2001</u>				
Disease of the Heart	16	239.0	2,105	192.3
Malignant Neoplasm	11	164.3	1,876	171.4
Cerebrovascular Disease	4	59.7	530	48.4
Chronic Lower Respiratory Disease	1	14.9	471	43.0
Diabetes Mellitus	3	44.8	330	30.1
Total Deaths	51	761.8	8,118	741.7
<u>2002</u>				
Disease of the Heart	4	59.7	2,073	189.4
Malignant Neoplasm	9	134.4	1,989	181.7
Cerebrovascular Disease	3	44.8	506	46.2
Chronic Lower Respiratory Disease	1	14.9	470	42.9
Diabetes Mellitus	0	0.0	177	16.2
Total Deaths	26	388.3	8,349	762.8

* The number of cases for the years 1997 and 1998 have been adjusted to account for new Federal Coding Schemes. Prior to the 1999 data, the Coding Scheme for mortality used ICD-9 Classifications for causes of Death. Starting in 1999, the Coding Scheme used for mortality is the ICD-10 Classifications. The data presented represents a conversion of the 1997 and 1998 classifications. A comparability ratio is used to adjust the tables.